



50 Years of DX-cellence

BULLETIN

No. 3

March 1998

Next Meeting

7:30 PM, Thursday, March 12th at
Jun's Electronics, 5563 Sepulveda
Blvd. (Exit the San Diego Fwy (405)
at Jefferson and proceed east to
Sepulveda Blvd.)

Belize Tease

It was easy to understand. They
called it "British Honduras because
everyone spoke
British and it
was shaped
like the back
end of a Honda. Why
"Belize?" Find
out from our
own SCDXC
expedition
team.



We will again have a two-meter
hand-held from Alinco. Add a
Callbook CD ROM, tools, surprises
and something special from MFJ. Buy
a big, fat pile of tickets!

(See "Programs," Page 2)

DX'er Rescued Alive From Pile-Up

Dateline: San Fernando Valley

Pulled barely alive from beneath a stack of frenzied screamers, Len Svidor, W6AUG, was given oxygen, the Heimlich maneuver, electrolytes and defibrillation. He was placed in a hyperbaric chamber and shipped to UCLA Medical Center where he is listed in "guarded" condition. Svidor spent a total of twenty-two hours at the very bottom of the pile, and was still repeating his "last two letters ('You-knee-form Golf')." when he was extracted.

"Len was under some real heavyweights, namely W6RJ and K6LD," said close friend, Bob Karon, AA6RK, who was pulled out after eleven hours. "He was calling the 8Q7 on 3795, and wasn't listening on his own frequency. They just all flopped right on him. He had no idea. It was gruesome."

Doctor Irving Blum of UCLA specializes in these cases. In a press conference immediately following Svidor's rescue he stated: "We've had several cases like this before, going back to the original Spratley expedition in '79. Very few who were in the mound for



Paramedics tend to Len, W6AUG, after rescuing him from 8Q7AA pile-up.

(Continued on Page 5)

Telegraph served AP for eight decades

By LIBBY QUAID

Associated Press Writer

WASHINGTON (AP) The Associated Press once had an army of 1,500 telegraphers who spread the news to the world in staccato bursts.

"There's only four of us left," says Aubrey Keel, whose career spanned bureaus from coast to coast and whose world was the 46 combinations of dots and dashes that made up Morse Code. For the eight decades the news cooperative depended upon the telegraph, a good fist was in demand. His own could tap out up to 45 words a minute, the 96-year-old Keel boasted as he demonstrated his trade Wednesday as part of



(Continued on Page 5)

Your Ground Stinks!

(See Page 6)

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And More!



President's Soapbox

by Will Angenent, KN6DV



Another good, organized dxpedition is gone: 9M0C. In many ways, it was similar to the VK0IR effort with the internet look up. For me this is a personal best with 18 band/modes. My 160-meter QSO is not easy to forget. It happened in the beginning of their operation when they had trouble with noise. It took about eight minutes for him to put me in the log. This was also a chance to find out how the antennas are working. With a QSO count like this I can tell that they are working just fine.

Last week I had a nice visit with OKDXF members: OK1TN, OK1VD and OK1KT at the QTH of Len, W6AUG. The peripathetic Czechs are now on a Pacific tour. Their schedule is as follows: February 20-24, Tahiti: FO0/homecall. February 24 - March 3, Aituki as ZK1TNN and ZK1KTT. March 5 - 14, Tonga as A35KT and A35TN. Then Western Samoa as 5W0SZ and 5W0VV and to Fiji as 3D2KT and 3D2TN. They may also go to American Samoa as KH8/KF4MIW and KH8/WP2AIH.

There are some other dxpeditions coming up (like 3B7) and right now ZL7DK and KH9 are on many bands.

The Deadline for the April
BULLETin will be
March 28
Please submit as early as
you can!

A few days ago I spoke with Alex PA3DZN, one of the 1993 Kingman Reef operators who also operates from many African countries. He would like to organize a trip to Kingman again.

The club is ordering more shirts, this time in different colors and styles, polo shirts and T-shirts with pockets.

We are in need of some help to sell raffle tickets at the meeting, please see Harvey W8DX to volunteer.

Hope to see you at Shakey's before the meeting.

...Will, KN6DV

1998 Programs

Harvey Laidman, W8DX

(Continued from Page 1)



Okay, quit your grouching. So the call sign look-up doesn't work on packet. So what? It may have been free when it was on line, but now there's a charge for what we used to get for free.

Sound familiar, like your bank? Here's what you can do: Go down to the store and buy a *Callbook* CD ROM for fifty shmazolians or buy twenty bucks worth of raffle tickets. If you don't win the *Callbook*, you might win something else.

I am always hearing that we have to attract youth to our pastime. Having personal experience with the amalgam of youth and ham radio, I have certain ideas: Hide. Don't let the kid in the room, and keep it locked when you're not there. When she/he asks about that big tower and antenna of yours, tell

them: "It's nothing to 'ya. See?"

When they bring in the mail with the QSL cards, snatch it out of their hands and jam the cards down the waistband of your pants, "I'll just handle them items," you say.

If they ask where you're going on Thursday night, tell 'em: "Just for a little drive. Yeah, that's it, a little drive. That's all."

If you catch them thumbing through the *BULLETin*, make them hand it over, fold it carefully and place it under the clock on the mantelpiece. Tell them sharply: "Go to your room."

Follow this advice and we'll have young hams coming out of our ears.

...Harvey, W8DX

Number Fortells Death

By Harvey Shore, K6EXO

Look at the mailing label on this issue of the world famous SCDXC *BULLETin*. See the "Expiration Date"? If it does not say "12/98" THIS MAY BE THE LAST COPY you will receive -- because you forgot to pay this year's dues.

It is easy to fix that!

Send a check (\$18) to Harv Shore, Membership Chairman. His address is 6433 Pat Ave. West Hills, California, 91307.



March Prizes await
lucky winners!

MINIPROP PLUS Predictions

by Shel, W6EL



These MINIPROP PLUS predictions for the five prime HF bands show the times when propagation is expected to be best from Los Angeles to several locations that are expected to be active during the coming month. Other times are possible, but with weaker signals or lower probability. Openings are not expected on bands that are not listed. A solar flux of 95, corresponding to a sunspot number of 41, and an average geomagnetic field are assumed. Sunrise/sunset times are at the DX location. All times are UTC.

DX Location:

3X Guinea - to 3/31

Beam 73 degrees

Sunrise/sunset (on 3/19) 0656/1855

Band/Best Times:

80: 0300-0630.

40: 0200-0700

20: 2230-0430.

15: 1530-0130.

V8 Brunei - 3/25 to 3/31

Beam 297 degrees

Sunrise/sunset (on 3/28) 2225/1027

80: 1230-1300.

40: 1100-1400.

20: 1500-1600.

15: 1730-1800 and 2200-0430.

JX Jan Mayen - through April

Beam 20 degrees

Sunrise/sunset (on 3/31) 0549/1927

80: 0430-0630.

40: 0230-0930.

20: 1430-1630.

ZL7 Chatham - through April

Beam 218 degrees

Sunrise/sunset (on 3/31) 1806/0534

80: 0730-1330.

40: 0530-1400.

20: 0330-0800.

15: 1930-0500.

10: 2230-0130.

ZK2 Niue - 4/2 to 4/6

Beam 231 degrees

Sunrise/sunset (on 4/4) 1730/0515

80: 0700-1330.

40: 0500-1430.

20: 0300-0830.

15: 1730-0500.

10: 1930-0100.

DX3F via VE7DP, Frank,
Box 29, Kitimart,
B.C. Canada
V8C 2G6

EK1700JJ via EK4JJ

HB0/HB9LEY via JH1BSE, M.
Yamamura, 2-10-6
Ari Nakano 165,
Tokyo, Japan

IH9/OL5Y via OK1VK,
Bohslav Peir,
Novodvorska 416,
4200 Praha,
Czech Republic

OK5TOP, via OK1MG, Antonin
OL1A, Kriz, Polska 2205,
OL2A, 27201 Kladno 2,
OL5Y Czech Republic

XA5T via N5TU

ZF2RF via K4UVT, D.R.
Dorsey, Jr., Box 977,
Charlottesville, VA
22902-0977

ZK1DI via DK1RV, Hans
Georg Gobel,
Postfach 1114, D-
57235, Netphen,
Germany

ZL7DK via DK7YY

QSL Corner

by Al, NS6B

3B2CQ via YU7FIJ

3C1GS via EA5BYP

4N2ZZ via YU7FU

4S7OEG via OE6PHD

5B4ADA via 9A2AJ

5N3CPR via SP5CPR

8N7AA via N7TX

9J2BO via W6ORD

9M0C via G3SWH.
Phil Witchurch,
21 Dickenson Grove,
Congressbury 19,
Bristol Avon, BS 19
5HQ, United Kindom

D58XV via HB9CYV,
Chris Zeller,
Jaegerstr 19, CH-
8200, Schaffhausen,
Switzerland

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Dot... dot... dot...

By Guglielmo Pookah, E1EIO



Okay!... We all know **Will, KN6DV** worked Spratley eighteen ways. All right, already. Did you know he still needs **Zone 17** on 80? On a recent weekend, the **Pookster** was monitoring packet when several stations worked zone 17 on the aforementioned band. Here are some of their comments: "...worked w/5 watts and a forty meter sloper"... "Worked one call." "...easy."... "...worked in my sleep." "...up one - slam-dunk." Perhaps a trip to **W6EEN**?... **Paul, N6LL** is heading to **Belize** (gesundheit!) after his efforts in the "160" contest.. "I'm going for the mineral baths and the museums, and I hear there's a great **delicatessen**," sez **Paul**... **Mark, K6FG** worked the **Chatham Island, ZL7** group on 160. "I think they need me for the **California**

Award," **Mark** allowed... Preparations continue for the 1998 **DX Convention**. The **combo** at the Holiday Inn bar is learning a bunch of new songs: "Turkey in the QSB," "Don't Step on my Silver D-104," "Aye-yi-yi, TVI," and "Up. Up. He's Listen'n Up!"... Is it too late to order the **Emu**?

Gotta Dash...

...Gugli

(The *BULLETin* is not responsible for Pookah's alledged observations. Gugli's portrait by 'Drew Duncan exclusively for the SCDXC *BULLETin*.)

Packet Spot Iron Cage Free- For-All Derby

by Harvey Shore, K6EXO



Well — the race is getting a bit tight!! 4414 spots were made on the cluster in February. 1790 were made by members of the SCDXC.

As I prepared the scores this month I noticed that the overwhelming number (at least 90%) of spots were for CW. What does that mean?

Of course we know that CW is outmoded — the Navy threw it out a long time ago and the Coast Guard no longer monitors distress channels for CW. Any "E.T." wanting to communicate is asked to please use a cell phone. Could it be that the DXers have not read the papers and do not know they are fossils?

Want to know the scoring rules? Check the club web page.

Spotter	Spots	Score			
N6RT	168	415	W3SE	88	175
K6YRA	162	377	KQ6PS	43	168
K6CU	120	315	W6EA	45	136
N6RV	126	251	AJ6A	85	132
K6RO	120	202	W6AUG	44	111
WA6TLA	68	194	W6KK	65	109
			WU6T	41	103
			W6LAX	34	87

KR6C	31	87
KK6T	28	86
KN6DV	30	85
W6RT	25	82
N6UC	45	73
W8DX	30	73
N5KI	24	63
WK6E	21	57
N6ZAE	26	54
K6ZZ	40	53
N6KZ	29	51
K6EXO	17	50
K6YUI	17	50
W6OES	15	50
K6WS	30	48
N6IC	26	47
W6YY	13	35
KJ6Y	25	29
KC7QN	11	29
W6EJJ	8	29
K6FG	10	28
K6OHM	11	16
K5KT	6	16
K6DU	4	16
AC6SN	7	15
W6BL	5	15
NQ6N	4	12
K6GXO	4	11
KC6T	4	11
NK6A	2	-4
KR6Q	3	-3
K6FR	2	9
K6ZMW	4	8
KJ6ZH	5	7
W6ZH	5	7
W6SR	4	7
KF6HI	2	6
KG6AR	4	5
N6ED	1	3
W6FW	1	3
W6AQ	1	2
W6RW	1	1

(The *Packet Derby* automatically assigns points to stations spotting DX on the packet network. Scoring updates are available on the club web site. High-point winner will receive a prize...ed.)



Rescued From Pile-up

(Continued From Page 1)

more than fifteen hours survived. A common characteristic of the deceased was, to a man, the lack of shoes. Perhaps Mr. Svidor's survival could have been due to the Florsheim patent leathers with tassels we found burned to his feet."

Through the night, a vigilant group of close friends has been waiting for Len to regain consciousness. When the Kingman Reef expedition came on, the crowd thinned considerably.

"This should be a lesson to everyone involved in pile-ups," advised Fried Heyn, ARRL Director, "listen on your calling frequency to make sure you're not being crushed."



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**COMMUNICATIONS
SERVICE COMPANY**

Telegraph Served AP

(Continued from Page 1)

the AP's 150th anniversary observation at The Freedom Forum's Newseum, a museum in the Washington suburb of Arlington, Va.

From his home in Kansas City, Mo., Keel brought the tools that once ruled the business a vintage green Western Union telegraph like the machine he started on, and a Vibroplex "lightning bug" that is still made today.

Smoothly, swiftly, he flicked his wrist, and the "dahditditdahdahdididit" became verse received by a retired Illinois railroad telegrapher, George Nixon, seated with his own machine in the back of the room:

"Along the smooth and slender wires, the sleepless heralds run. Fast as the clear and living rays go streaming from the sun. No pearls of flashes, heard or seen, their wondrous flight betray. And yet their words are quickly caught, in cities far away."

Keel recalls the words flashing over the wire as the stock market crashed in 1929, and as baseball play-by-play and stock quotations flowed across. Trained telegraphers were at either end of the wire, one to translate words into dots and dashes and transmit them, the other with earphones and a typewriter at the other end to translate the dots and dashes into words. And they had to know three "languages" of Morse Code; American, International and Continental (created because the space letters C, O, R, Y and Z and the long L couldn't transmit along submarine cables) as well as Phillips Code, a shorthand version of Morse.

First recruited by the railroads during a telegrapher shortage in World War I, Keel took years to develop the skill that now comes so easily. "I don't know how else to explain it. After you do it for a while, it's like music," Keel said. "It's like riding a bicycle or playing the piano. You get rusty at it, but you don't forget it."

Fellow operators worked for railroads, post offices, pumping stations, large companies, boards of trade and Western Union paid extra for "bonus" operators who could take messages on a faster, hot wire.

But the newspaper telegraphers "had it made," Keel said. When he was hired by the AP in Lubbock, Texas, Keel made \$32.60 a week for 48 hours of work. The average railroad salary was about \$25, he said.

Older operators had a reputation for hard living, but Keel had learned his lesson as a novice in an earlier job. It was Prohibition, and he decided to drink a bottle of home brew with his more experienced colleagues. "I came back, and the wire started up. I could hear it, but I couldn't get it down," Keel said. "You never saw a man sober up as fast as I did."

He remembers when the Texas AP phased in the Teletype printer in 1928, letting 30 operators go in one day. "Someone said 'Those Teletypes will never work, they'll have us back in a week,'" Keel recalled.

But they didn't. Keel weathered the storm, eventually becoming communications chief in the Milwaukee, Des Moines and Los Angeles bureaus. He retired in 1966. Today, he often "talks" to retired telegraphers transmitting via ham radio unless he's busy using e-mail from a home command center that includes two computers, radio gear and a digital camera and scanner. His old employer now transmits news at 9,000 words a minute.

He glanced down at his old "green key," adjusting the Prince Albert tobacco can that changes the telegraph's pitch. "It's hard to think that AP started and for 80 years, that was their means of communication. And look at what they are today," he said.

(The BULLETIN wishes to thank Norm Goldstein of the Associated Press for permission to print this story.)

Not your Father's Ground!

Keith Blackburn, AC6SN, twists the brains of the assembled throng at the February meeting. Life was great when "it" was just a copper rod pounded into the ground and a couple'a feet of number 8. The concept of grounding has changed. Now, it's a "ground reference" and a lively discussion ensued about what actually represents a ground at RF frequencies. Keith also made some unique and practical suggestions about how to break the path of interference.



'RO in Rapture Over Ebony Badge

Will, KN6DV presents the famous imprimatur to outgoing president Larry Shapiro, K6RO.



Who Sez We Ain't Hospitable? (What'zit To'ya? eh?)

Oh, yeah, we had a great February. Scott, K8DX was in town and visited several SCDXC'ers. He browsed the KJ6Y antenna and tower warehouse looking for appurtenances to dangle from his twin 120 foot towers. Max, OZ4MD was hosted by K6YRA and N6OVX. At a dinner in Oceanside attended by WU6T, W8DX, W7BOK, 'YRA and 'OVX, Max spun a golden tale of perpetually open bands in the land of mermaids and prune pastry.

Harvey, K6EXO reports: OK1TN, Slavomir; OK1VD, Vaclav; and OK1KT, Vratislav visited Los Angeles on the way to their six-week DXpedition to the South Pacific. They were hosted by KN6DI, Hank who assisted them in obtaining some equipment they will be



K8DX, Left, W8DX, Right

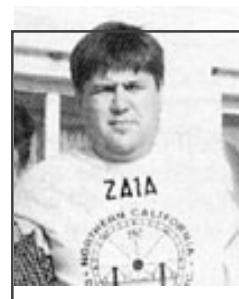
using on the trip. W6AUG, Len, and K6EXO, Harv, took the group on a sight seeing trip of Los Angeles, Beverly Hills and the San Fernando Valley.

W6AUG had an open house for club members in the evening and a number of club members attended.

Letters From All Ovah!

OH2BH

I do receive about dozen newsletters every month and the *BULLETIN* is among them. Yours is indeed very balanced and timely, plus covers many different facets of DXing. So much so that your remote reader feels a sense of belonging to SCDXC. The feeling that one can only achieve with a real devotion. Just keep it up.



Another matter that I would like to share with you is the picture of Don Miller and Gus Browning that you had in the No.6 - July issue. Good friend of mine, Paul, VE1DX is in the process on setting up a web page on Gus Browning and is looking for some pictures on Gus.

Those "Beach Batteries" - that's how those Southern KW boys were calling themselves during those years - when DXing was getting it's shape, indeed may have some further Gus/Don pictures in their files?

The question: Who were actually those Beach Batteries? Just ask W6EUF and W6EA - maybe they can tell us the story - in spite of their busy schedule of working DX on 160M all night!

(Continued on Page 7)

Letters (Continued)

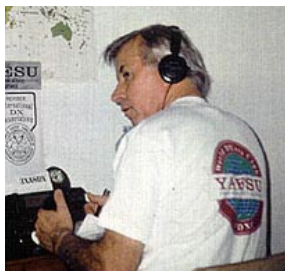
From the more recent front, you may wish to tell Will, KN6DV and Larry, K6RO that their 160M signals were too strong in the Canary Islands (EA8BH) to be generated by any legal power. Just ask them to adjust the power since people only should run a power level that is needed to establish a good contact. No more. This is according to the Spanish domestic amateur radio regulations!

Best regards to all SCDXC members.
Martti J. Laine, OH2BH/EA8BH

DJ9ZB

...trnx for sending me the So Cal DX - letter. Always nice and interesting. As you know, I operated 3XA8DX Guinea from 9-15, Dec last year with

Baldur, DJ6SI. We made 4200 SSB, 6400 CW QSO's including WARC, 100 watts only.



I am not sure if I can ask for a small support from SCDXC for 3X-DXpedition. The personal costs were very high.

73, Franz

(It is club policy to make our donations to DXpeditions via the Northern California DX Foundation. This does not, of course, prevent individual members from cracking open their musty, dusty wallets!...ed)

Iris Colvin, W6QL

They never missed a DX Convention - Lloyd wearing his trademark hairpiece and Iris, platinum blonde and glamorous. She cut quite a figure, even into her eighties. Lloyd died in 1993, Iris remained on the air, calling "CQ." The Colvins travelled to over 100 DX countries as official ambassadors of the YASME foundation. Iris was a Southern California DX Club member and was inducted into the CQ DX Hall of Fame in 1976. The service was private. A daughter and grandchildren survive.



Iris and Major Lloyd Colvin in 1948

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DX Accomplishments

(return to: Bruce Horn, 4225 Farmdale Ave., Studio City, CA 91604)

Cut here

Call _____ Name _____ Date _____

Please complete the following based on your **confirmed**, mixed-mode country or zone totals:

DXCC Totals: Active Countries (329 max) _____ Total Countries (including deleted) _____

Are you currently on the Honor Roll ? ☐ Yes ☐ No 5BDXCC ? ☐ Yes ☐ No

Low Bands (Active Countries Only): 160-meters _____ 80-meters _____ 40-meters _____

WARC Bands (Active Countries Only): 30-meters _____ 17-meters _____ 12-meters _____

WAZ Basic Award (40 Zones) ? ☐ Yes ☐ No

Confirmed Zones: 160m _____ 80m _____ 40m _____ 30m _____ 20m _____ 17m _____ 15m _____ 12m _____ 10m _____

SCDXC Web Site: <http://www.primenet.com/~scdxc/>

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Heard and Worked

by Mark Weiss, K6FG



Signals don't get to the sunny shores of Southern California like they get everywhere else. Sometimes, a band is open for just a few minutes. Sometimes,

a rare country appears at a crazy time or frequency. Here are selected reports from local stations. Send your report for March to the Editor.

Date Time Mode DX

160				2/22	1156	CW	VR98BG	2/3	1559	CW	LX1DA
2/16	0346	CW	KP2/W0BV	2/22	1158	CW	UA0LCZ	2/6	1514	SSB	SV2CWY
2/23	1424	CW	9M0C	2/22	1212	CW	JA9CWJ	2/6	1515	SSB	OG5F
2/25	1420	CW	ZL7DK	2/22	1218	CW	RU0LL	2/6	1526	CW	6W1RE
80				2/23	1438	CW	VU2GSM	2/6	1539	CW	YO2BP
1/30	1455	SSB	LY1DS	2/24	0522	CW	FO0/OK5DX	2/7	1546	CW	V31NX
1/30	1502	SSB	SM5BCO	2/24	1340	CW	3D2QB	2/8	1539	CW	4Z4TA
1/30	1504	SSB	SM6GZ	2/25	1355	CW	ZL7DK	2/8	1611	CW	EI5DR
2/5	0202	SSB	V31UY	2/27	1136	CW	N6MZ/KH9	2/12	0037	SSB	9M0C
2/5	0649	CW	CN2IB	2/28	0613	CW	TR8XX	2/12	1515	CW	VE3BW/HR6
2/6	0129	SSB	G0NVD	30				2/12	1543	SSB	CT3FT
2/9	1501	SSB	OH1NOR	2/1	0040	CW	CN2IB	2/14	1534	SSB	4X50FR
2/9	1503	SSB	SM5RQ	2/5	0113	CW	V31NX	2/15	0111	CW	9M0C
2/10	1458	SSB	US1VQ	2/12	1501	CW	9M0C	2/15	1600	CW	EU1TT
2/12	1433	SSB	9V1AG	2/16	0117	CW	KP2/W0BV	2/15	1602	CW	K9JWV/NA110
2/13	1447	SSB	V63BR	2/16	0138	CW	TF8GX	2/17	0003	SSB	9M0C
2/14	1453	CW	9M0C	2/16	1701	CW	9M0C	2/20	2049	SSB	D2AI
2/15	1507	SSB	9M0C	2/18	1309	CW	DF5WA/6Y5	2/21	1533	SSB	JY5HX
2/18	1450	CW	5W0FN	2/19	0514	CW	5W0FN	2/22	1456	CW	SP6AEG
2/21	0255	CW	V26B	2/20	1423	CW	9M0C	2/22	1610	SSB	TA2LZ
2/26	1440	CW	ZL7DK	2/23	0424	CW	FO0/OK1VD	2/22	1616	SSB	4L8A
40				2/24	0434	CW	PY0ZFO	2/23	0204	SSB	KA4IST/KH5
2/2	1525	CW	LZ1ND	2/26	0456	CW	ZL7DK	2/23	1508	SSB	9K2QQ
2/4	1520	CW	GM3JDR	20				2/24	1359	CW	W19WI/C6A
2/5	1441	CW	7Z5OO	1/29	1933	SSB	D68YV	2/24	1451	SSB	LZ4RV
2/6	0607	CW	SP8YA	2/5	1607	SSB	OD5SK	2/24	1454	SSB	OD5NJ
2/7	1530	CW	DL6FBL/DU7	2/7	1503	TTY	YS1X	2/24	1525	SSB	EW8CM
2/8	0604	CW	LZ1QI	2/7	1650	CW	9K2ZZ	2/24	1542	SSB	4X1MO
2/8	0610	CW	EW7LO	2/8	2027	SSB	9X0A	2/27	1501	CW	GJ3EML
2/8	0617	CW	YL2DZ	2/13	0239	SSB	KA4IST/KH5	2/27	1507	CW	ES80R
2/11	1505	CW	UT2IWL	2/14	1443	CW	RA9LE	15			
2/12	1447	CW	9M0C	2/14	1527	SSB	9M0C	2/3	1618	CW	HJ1RRL
2/14	1522	SSB	9M0C	2/14	1546	TTY	XUF2B	2/11	1655	SSB	GW3XHG
2/15	0310	TTY	EA8PP	2/15	0104	TTY	9M0C	2/12	0026	SSB	9M0C
2/16	0534	CW	5W0FN	2/15	2244	CW	C91LCK	2/12	1804	SSB	ZS6BJH
2/17	1436	CW	9M0C	2/16	0014	TTY	LZ0A	2/13	1600	SSB	7X4LN
2/20	1516	CW	4X/N6AW	2/17	0228	CW	9M0C	2/14	0128	SSB	9M6CT
2/22	0531	CW	EA7KW	2/17	0332	CW	UN7FK	2/14	1845	TTY	9X0A
2/22	0535	CW	9A5Y	2/22	1227	CW	OA4SS	2/14	1850	TTY	VP2V/W8JAY
2/22	0542	CW	LT1F	2/22	1227	CW	KG4DZ	2/14	2048	SSB	D2AI
2/22	0602	CW	V26B	2/22	2247	CW	KP3P	2/14	2241	TTY	4U1WB
				2/22	2249	CW	KP3P	2/14	2325	CW	9M0C
				2/22	2251	CW	TI5N	2/15	0134	SSB	9M0C
				2/22	2254	CW	V31TP	2/15	1645	SSB	9A9A
				2/22	2256	CW	FM5DN	2/15	1649	SSB	TF3GC
				2/22	2259	CW	L36E	2/16	0033	SSB	9M0C
				2/26	1933	SSB	N4BQW/KH5K	2/16	0106	SSB	3W6KA
				2/28	1400	SSB	4U1WB	2/16	0115	SSB	9M6CT
				2/28	2353	TTY	5N7YZC	2/17	0220	CW	9M0C
17				2/1	1525	SSB	D68YV	2/17	1632	SSB	C91LCK
				2/1	1539	SSB	EA6IE	2/19	0004	TTY	9M0C
				2/1	1616	CW	YU1EXY	2/22	1732	SSB	CT98CFH
				2/1	1636	CW	DF5WA/6Y5	2/22	1507	CW	OZ5W
				2/1	1719	CW	5N3CPR	2/22	1509	CW	PA3DZN
				2/2	1513	SSB	T95A	2/22	1515	CW	SP9W
				2/2	1534	CW	GM3JDR	2/22	1519	CW	FM5CD
				2/2	1538	SSB	EA6AEI	2/22	1522	CW	OE4A
				2/2	1550	SSB	ZB2AZ	2/22	2302	CW	UA0FAI
				2/3	1514	SSB	5B4AGC	2/22	2304	SSB	9M0C

(Continued on Page 12)

Heard and Worked

(Continued)

2/23 1555 SSB P4/I2UIY
2/23 2151 SSB KA4IST/KH5

12

2/14 2000 SSB ZP5KW
2/15 0038 CW VR98BG
2/15 0047 CW 9M0C
2/15 1556 SSB EA9IE
2/15 1605 SSB IS0ZCV
2/15 1618 SSB CT98EEN
2/17 0134 SSB 9M0C
2/17 1623 CW EA6ZY
2/17 1638 SSB OK1AWZ
2/18 2043 CW KG4ZK
2/18 2345 SSB KA4IST/KH5
2/19 0045 SSB KA4IST/KH5
2/19 2026 SSB D2AI
2/25 1519 SSB P4/I2UIY
2/25 1530 SSB IS0ZCV
2/25 1543 SSB 9H1AL
2/25 1622 SSB LA3PU
2/26 1500 SSB SP2FAX
2/26 1510 SSB LY2ZZ
2/26 1514 SSB EI8HT
2/26 1525 SSB 5R8EW
2/26 1528 SSB 9H1DE
2/26 1544 SSB SV2YC
2/26 1550 SSB EA9IE
2/26 1558 SSB PA3EVJ
2/28 2014 CW ZL7DK

10

2/18 0141 CW 9M0C
2/18 2057 SSB PZ5JR
2/19 2346 CW 9M0C
2/22 2233 CW LU1EWL
2/22 2235 CW LT1F
2/22 2237 CW LU3SIP
2/22 2240 CW PU2RUX

(Thanks to K6FG, W8DX, WA6WDX, K6YRA)



Ham Puzzle

by Milt, W6RJO



A DX Club Dinner

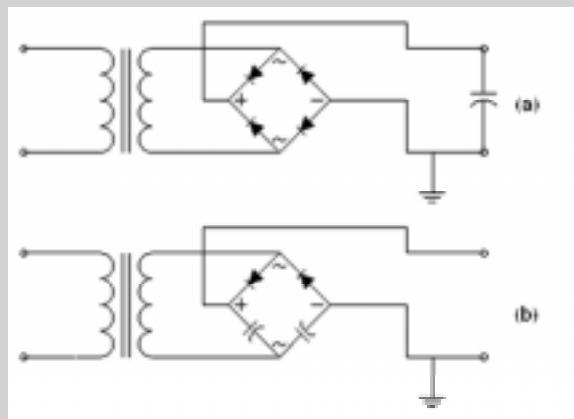
If "N" is the number of members needed to break even and "A" is the number who attended over the break even, and each attendee paid \$25 - 1.5A dollars, then the total monies collected was: $(N + A) \times (25 - 1.5A)$. Without going through the effort to find the maximum, the answer is that the total attendance rounded to 17, which was the break even point. Nobody showed over the break even ($A=0$), so the restaurant made zero profit. The owner was so ticked off at his screwy brother-in-law that his new bride nearly divorced him. He is now planning to renew his ham license for peace of mind.

This month, Milt stumped the experts. There was no winner, so the prize goes back into the pool. Try your luck on March's puzzler for twice the prize! - ed.

Here is the March Puzzler. Good luck:

"Tricky Circuits"

Here's one for the SCDXC "electronikers." If diagram (a) is a bridge rectifier power supply (power conditioner nowadays), what is diagram (b)?



(Send your solution to the BULLETin Editor, email, post, FAX okay)

Cut here

Membership, New or Renewal (return to Harvey Shore, 6433 Pat Avenue, West Hills, California 91307)

Call _____ Name _____ Date _____

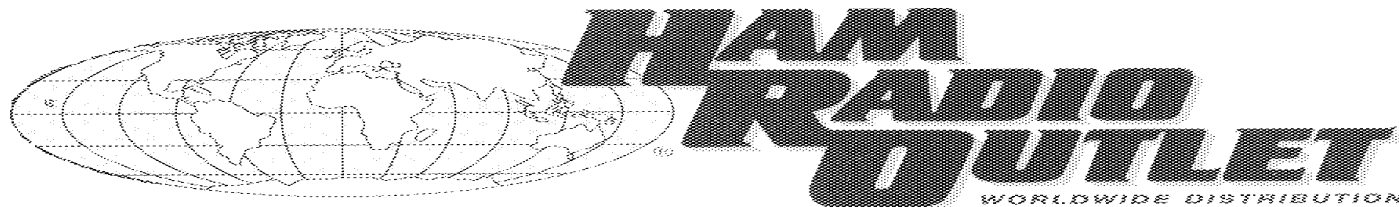
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